1600

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RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/443,780C

DATE: 10/17/2002
TIME: 14:31:18

Input Set : A:\PTO.VSK.txt
Output Set: N:\CRF4\10172002\I443780C.raw

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 3 <110> APPLICANT: O"Mahony, Daniel J
 4        Seveso, Michela
 6 <120> TITLE OF INVENTION: Antibodies To Peptides That Target GIT Receptors And Related
Methods
 8 <130> FILE REFERENCE: E1067/20037
10 <140> CURRENT APPLICATION NUMBER: US 09/443,780C
11 <141> CURRENT FILING DATE: 1999-11-19
13 <150> PRIOR APPLICATION NUMBER: US 60/109,036
14 <151> PRIOR FILING DATE: 1998-11-19
16 <160> NUMBER OF SEQ ID NOS: 84
18 <170> SOFTWARE: PatentIn version 3.1
20 <210> SEQ ID NO: 1
21 <211> LENGTH: 15
22 <212> TYPE: PRT
23 <213> ORGANISM: Artificial Sequence
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26 <223> OTHER INFORMATION: Random peptide
28 <220> FEATURE:
29 <221> NAME/KEY: MISC_FEATURE
30 <222> LOCATION: (1)..(1)
31 <223> OTHER INFORMATION: Linked to dansyl group
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41 <211> LENGTH: 20
42 <212> TYPE: PRT
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49 <221> NAME/KEY: MISC_FEATURE
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51 <223> OTHER INFORMATION: Linked to dansyl group
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61               20
64 <210> SEQ ID NO: 3
65 <211> LENGTH: 16
66 <212> TYPE: PRT
67 <213> ORGANISM: Artificial Sequence
69 <220> FEATURE:
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70  <223> OTHER INFORMATION: Random peptide
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73  <221> NAME/KEY: MISC_FEATURE
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75  <223> OTHER INFORMATION: Linked to dansyl group
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81  <223> OTHER INFORMATION: D-amino acid
84  <220> FEATURE:
85  <221> NAME/KEY: MISC_FEATURE
86  <222> LOCATION: (6)..(6)
87  <223> OTHER INFORMATION: D-amino acid
90  <220> FEATURE:
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92  <222> LOCATION: (10)..(10)
93  <223> OTHER INFORMATION: D-amino acid
96  <220> FEATURE:
97  <221> NAME/KEY: MISC_FEATURE
98  <222> LOCATION: (12)..(13)
99  <223> OTHER INFORMATION: D-amino acid
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105 1               5                   10                  15
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109 <211> LENGTH: 36
110 <212> TYPE: PRT
111 <213> ORGANISM: Artificial Sequence
113 <220> FEATURE:
114 <223> OTHER INFORMATION: Random peptide
116 <400> SEQUENCE: 4
118 Ser Asp His Ala Leu Gly Thr Asn Leu Arg Ser Asp Asn Ala Lys Glu
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122 Pro Gly Asp Tyr Asn Cys Cys Gly Asn Gly Asn Ser Thr Gly Arg Lys
123             20                  25                  30
126 Val Phe Asn Arg
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130 <210> SEQ ID NO: 5
131 <211> LENGTH: 29
132 <212> TYPE: PRT
133 <213> ORGANISM: Artificial sequence
135 <220> FEATURE:
136 <223> OTHER INFORMATION: Random peptide
138 <400> SEQUENCE: 5
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141 1               5                   10                  15
144 Gly Asn Gly Asn Ser Thr Gly Arg Lys Val Phe Asn Arg
145             20                  25
148 <210> SEQ ID NO: 6
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154 <223> OTHER INFORMATION: Random sequence
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162 Asn Ser Thr Gly
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167 <211> LENGTH: 40
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171 <220> FEATURE:
172 <223> OTHER INFORMATION: Random peptide
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184 Arg Thr Arg Ser Arg Pro Asn Gly
185         35                  40
188 <210> SEQ ID NO: 8
189 <211> LENGTH: 15
190 <212> TYPE: PRT
191 <213> ORGANISM: Artificial Sequence
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194 <223> OTHER INFORMATION: Cyclic (internal) random peptide
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203 <211> LENGTH: 15
204 <212> TYPE: PRT
205 <213> ORGANISM: Artificial Sequence
207 <220> FEATURE:
208 <223> OTHER INFORMATION: Cyclic (internal) random peptide
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218 <212> TYPE: PRT
219 <213> ORGANISM: Artificial Sequence
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222 <223> OTHER INFORMATION: Random peptide
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235         35                  40
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239 <211> LENGTH: 16
240 <212> TYPE: PRT
241 <213> ORGANISM: Artificial Sequence
243 <220> FEATURE:
244 <223> OTHER INFORMATION: Random peptide
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247 <221> NAME/KEY: MISC_FEATURE
248 <222> LOCATION: (6)..(6)
249 <223> OTHER INFORMATION: D-amino acid
252 <220> FEATURE:
253 <221> NAME/KEY: MISC_FEATURE
254 <222> LOCATION: (12)..(12)
255 <223> OTHER INFORMATION: D-amino acid
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265 <211> LENGTH: 16
266 <212> TYPE: PRT
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270 <223> OTHER INFORMATION: Random peptide, D form, retroinversion
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273 <221> NAME/KEY: MISC_FEATURE
274 <222> LOCATION: (1)..(16)
275 <223> OTHER INFORMATION: D-amino acid
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285 <211> LENGTH: 685
286 <212> TYPE: PRT
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289 <220> FEATURE:
290 <223> OTHER INFORMATION: D2H receptor
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295 1                   5                   10                  15
298 Gly Cys Gln Thr Asn Asn Gly Phe Val His Asn Glu Asp Ile Leu Glu
299             20                  25                  30
302 Gln Thr Pro Asp Pro Gly Ser Ser Thr Asp Asn Leu Lys His Ser Thr
303         35                  40                  45
306 Arg Gly Ile Leu Gly Ser Gln Glu Pro Asp Phe Lys Gly Val Gln Pro
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310 Tyr Ala Gly Met Pro Lys Glu Val Leu Phe Gln Phe Ser Gly Gln Ala
311 65                    70                    75                    80
314 Arg Tyr Arg Ile Pro Arg Glu Ile Leu Phe Trp Leu Thr Val Ala Ser
315                   85                    90                    95
318 Val Leu Val Leu Ile Ala Ala Thr Ile Ala Ile Ile Ala Leu Ser Pro
319                   100                   105                   110
322 Lys Cys Leu Asp Trp Trp Gln Glu Gly Pro Met Tyr Gln Ile Tyr Pro
323       115                   120                   125
326 Arg Ser Phe Lys Asp Ser Asn Lys Asp Gly Asn Gly Asp Leu Lys Gly
327       130                   135                   140
330 Ile Gln Asp Lys Leu Asp Tyr Ile Thr Ala Leu Asn Ile Lys Thr Val
331 145                   150                   155                   160
334 Trp Ile Thr Ser Phe Tyr Lys Ser Ser Leu Lys Asp Phe Arg Tyr Gly
335                   165                   170                   175
338 Val Glu Asp Phe Arg Glu Val Asp Pro Ile Phe Gly Thr Met Glu Asp
339                   180                   185                   190
342 Phe Glu Asn Leu Val Ala Ala Ile His Asp Lys Gly Leu Lys Leu Ile
343       195                   200                   205
346 Ile Asp Phe Ile Pro Asn His Thr Ser Asp Lys His Ile Trp Phe Gln
347       210                   215                   220
350 Leu Ser Arg Thr Arg Thr Gly Lys Tyr Thr Asp Tyr Tyr Ile Trp His
351 225                   230                   235                   240
354 Asp Cys Thr His Glu Asn Gly Lys Thr Ile Pro Pro Asn Asn Trp Leu
355                   245                   250                   255
358 Ser Val Tyr Gly Asn Ser Ser Trp His Phe Asp Glu Val Arg Asn Gln
359                   260                   265                   270
362 Cys Tyr Phe His Gln Phe Met Lys Glu Gln Pro Asp Leu Asn Phe Arg
363       275                   280                   285
366 Asn Pro Asp Val Gln Glu Glu Ile Lys Glu Ile Leu Arg Phe Trp Leu
367       290                   295                   300
370 Thr Lys Gly Val Asp Gly Phe Ser Leu Asp Ala Val Lys Phe Leu Leu
371 305                   310                   315                   320
374 Glu Ala Lys His Leu Arg Asp Glu Ile Gln Val Asn Lys Thr Gln Ile
375                   325                   330                   335
378 Pro Asp Thr Val Thr Gln Tyr Ser Glu Leu Tyr His Asp Phe Thr Thr
379                   340                   345                   350
382 Thr Gln Val Gly Met His Asp Ile Val Arg Ser Phe Arg Gln Thr Met
383       355                   360                   365
386 Asp Gln Tyr Ser Thr Glu Pro Gly Arg Tyr Arg Phe Met Gly Thr Glu
387       370                   375                   380
390 Ala Tyr Ala Glu Ser Ile Asp Arg Thr Val Met Tyr Tyr Gly Leu Pro
391 385                   390                   395                   400
394 Phe Ile Gln Glu Ala Asp Phe Pro Phe Asn Asn Tyr Leu Ser Met Leu
395                   405                   410                   415
398 Asp Thr Val Ser Gly Asn Ser Val Tyr Glu Val Ile Thr Ser Trp Met
399                   420                   425                   430
402 Glu Asn Met Pro Glu Gly Lys Trp Pro Asn Trp Met Ile Gly Gly Pro
403       435                   440                   445
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RAW SEQUENCE LISTING ERROR SUMMARY   DATE: 10/17/2002
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Please Note:
Use of n and/or Xaa have been detected in the Sequence Listing. Please review the
Sequence Listing to ensure that a corresponding explanation is presented in the <220>
to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:72; Xaa Pos. 1,3,4,6,7,8,10
Seq#:73; Xaa Pos. 2,4,7,8
Seq#:74; Xaa Pos. 7,8

Invalid <213> Response:
Use of "Artificial" only as "<213> Organism" response is incomplete,
per 1.823(b) of New Sequence Rules. Valid response is Artificial Sequence.

Seq#:13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36
Seq#:37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60
Seq#:61,62,63,64,65,66,67,68,69,70,71,72,73,74,75,76,77,78,79,80,81,82,83,84

VERIFICATION SUMMARY   DATE: 10/17/2002
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L:2618 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:72 after pos.:0
L:2656 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:73 after pos.:0
L:2682 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:74 after pos.:0